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Claims

1. A communication terminal, comprising:

5 a hinge portion, which connects two casing members having
conductive portions so as to freely open and close; and

an antenna, which is provided near the hinge portion in one casing
member of the two casing members;

wherein the hinge portion includes:

10 a first rotating member, which is formed by conductive
material and which serves as an axis for rotating the two casing members in an
opposed direction of the two casing members; and

15 a second rotating member, which is formed by the conductive
material and which serves as an axis for rotating one casing member of the two
casing members relative to the other casing member under a non-opposed
state of the two casing members in a direction perpendicular to a rotating
direction while the first rotating member serves as the axis;

wherein a predetermined interval for capacity coupling of the
conductive portions of the two casing members is set; and

20 wherein the hinge portion is insulated from one of the conductive
portions of the two casing members.

2. The communication terminal according to claim 1, wherein a flexible
conductor which connects the conductive portions of the two casing members is
disposed in one end side of the first rotating member; and

25 wherein a feeding part of the antenna is disposed in the other end side

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of the first rotating member.

3. The communication terminal according to claim 2, wherein a winding portion is formed on the flexible conductor disposed in the one end side of the

5 first rotating member.

4. The communication terminal according to claim 3, wherein a cable which connects the conductive portions provided in the two casing members; and

10 wherein the cable is inserted into the winding portion.

5. The communication terminal according to any one of claims 1 to 4, wherein the antenna is extended from the one end side to the other end side of the first rotating member.

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6. The communication terminal according to claim 1 or claim 5, wherein the antenna has a first element part having a first electric length and a second element part having a second electric length;

20 wherein the one end sides of the first element part and the second element part are connected to each other by a reactance part having a reactance component; and

wherein the other end side of one element part of the two element parts serves as a feeding part.

25 7. The communication terminal according to claim 6, wherein the electric

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length of the first element part is set to $1/4$ times as long as the wavelength λ_1 of a first frequency; and

wherein the electric length of the second element part is formed so that the sum of the electric length of the second element part and the electric length of the first element part is set to $1/4$ or $3/8$ times as long as the wavelength λ_2 of a second frequency.

8. The communication terminal according to any one of claim 1, and claims 5 to 7, wherein a receiving part and a transmitting part are provided in exposed surface sides of the two casing members which are exposed when the two casing members are changed from a closed state to a opened state; and

wherein the antenna is disposed near the hinge portion provided in a back surface side opposite to the exposed surfaces.